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CORNELL NOTETAKING

<u>Key Words</u>	<u>Main Ideas/Supporting Ideas</u>
1) Use wheel for transportation	<ul style="list-style-type: none">• Used in Mesopotamia c. 3250 B.C.E.• First used to make pottery, still used today• Later used with ploughs, carts or chariots• Vehicles pulled—donkeys/oxen
2) Improve process of pottery making	<ul style="list-style-type: none">• Used the potter's wheel and kiln (enclosed oven for baking pottery/bricks)• Because of the high temperatures of the kiln pottery and bricks were much harder than the ones dried in the sun
3) Produce copper in quantities large enough to make tools and weapons	<ul style="list-style-type: none">• Combined copper with tin to make bronze• Used to produce tools that were stronger than just copper• Allowed them to make bigger buildings, stronger boats and land vehicles• With strong transportation they could trade with people in India
4) Irrigating fields	<ul style="list-style-type: none">• First carried water to fields• After time dug channels that got water to flow to the fields
5) Study the stars	<ul style="list-style-type: none">• Priests found the best times for tilling the fields, planting , and harvesting• Create calendar with 2 seasons summer and winter• Based on the phases of the moon with 12 month 30 days
6) Developed Engineering skills	<ul style="list-style-type: none">• Used math to build huge temples, and a complex dikes, channels and ditches• Invented a number system based on 60 that was used by Astronomers and mathematics till 1600's
7)Develop an efficient numbering system	<ul style="list-style-type: none">• Still used to measure angles and time• Clay tablets from c. 3000 B.C.E. show symbol for oil drawn 5 times• Cities grew and they developed a symbol to separate number from items• Was helpful when dealing with large quantities
Connections and Reflections (Summary)	<p>The legacy of the Sumerians taught me about all the important discoveries that the Sumerians made like using the wheel for transportation, inventing harder pottery with the kiln and making bronze a stronger metal. They also dug channels to irrigate crops, they also used the stars to make a calendar with 12 months, 2 seasons, with 30 days each month. The other 2 things they did were developing a number system with 60 (clock) and made better numbering system. Today we still use some of the methods of the Sumerians.</p>